

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and case\$3 same (hole or borehole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 12:32
L2	7	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and case\$3 same (hole or borehole)	US-PGPUB; USPAT	OR	ON	2007/06/24 12:39
L3	4	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn. and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3 and hole	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:37

## EAST Search History

L4	10	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013") and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3 and hole	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:33
L5	1	("5900627").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:37
L6	11	("4439831"   "4604581"   "4677596"   "4703279"   "4712424"   "4786796"   "4794792"   "4800496"   "4909075"   "5151882"   "5157605").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:38
L7	0	(gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and case\$3 same (hole or borehole)).CLM.	US-PGPUB; USPAT	OR	ON	2007/06/24 12:56
L8	0	(gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and case\$3 same (hole or borehole)).CLM.	US-PGPUB	OR	ON	2007/06/24 12:57
L9	113	250/269.5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:55

## EAST Search History

L10	1933	702/1-8.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:55
L11	2041	19 110	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:55
L12	0	111 and (gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and case\$3 same (hole or borehole)).CLM.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:56
L13	3	111 and (gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and case\$3 same (hole or borehole))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/24 12:56
L14	0	(gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and case\$3 same (hole or borehole)).CLM.	US-PGPUB; USPAT	OR	ON	2007/06/24 12:56
L15	0	(gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and case\$3 same (hole or borehole)).CLM.	US-PGPUB	OR	ON	2007/06/24 12:57

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	168676	well Same log\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 19:27
S2	1897	densit\$4 same well Same log\$4 and gamma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 19:28
S3	729	gamma same densit\$4 same well Same log\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 19:28
S4	25	gamma same densit\$4 same well Same log\$4 and backscatter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 19:28
S5	12	gamma same densit\$4 same well Same log\$4 and backscatter and case\$3 same (hole or borehole or (wellbore or well same bore))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 19:39
S6	7	((long or short) same space\$3 same detector) and gamma same densit\$4 same well Same log\$4 and backscatter and case\$3 same (hole or borehole or (wellbore or well same bore))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 20:16
S7	4	((long and short) same space\$3 same detector) and formation same densit\$4 same well same log\$4 and backscatter and case\$3 same (hole or borehole or (wellbore or well same bore))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 20:18
S8	2	((long and short) same space\$3 same detector) and formation same densit\$4 same well same log\$4 and backscatter and (case\$3 same (hole or borehole or (wellbore or well same bore)) same calibration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 20:23

## EAST Search History

S9	2	(long same space\$3 same detector and short same space\$3 same detector) and formation same densit\$4 and backscatter and (case\$3 same (hole or borehole or (wellbore or well same bore)) same calibration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 20:25
S10	8	formation same densit\$4 and backscatter and (case\$3 same (hole or borehole or (wellbore or well same bore)) same calibration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 20:25
S11	6	formation same densit\$4 and backscatter and (case\$3 same (hole or borehole or (wellbore or well same bore)) same calibration) and detector same space\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 20:27
S12	2	formation same densit\$4 and backscatter and (case\$3 same (hole or borehole or (wellbore or well same bore)) same calibration) and detector same space\$3 and long and short and calibration\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 20:28
S13	8	("3521063" "3864569" "4048495" "4297575" "5390115" "5841135" "5859811" "6483777").pn.	US-PGPUB; USPAT	OR	ON	2005/12/11 20:31
S14	1	"20040210393".pn.	US-PGPUB; USPAT	OR	ON	2005/12/11 20:31
S15	49	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn.	US-PGPUB; USPAT	OR	ON	2005/12/11 21:29

## EAST Search History

S16	19	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn. and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool	US-PGPUB; USPAT	OR	ON	2005/12/11 21:34
S17	10	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn. and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation and densit\$3	US-PGPUB; USPAT	OR	ON	2005/12/11 21:36

## EAST Search History

S18	6	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn. and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation and densit\$3 and calibration	US-PGPUB; USPAT	OR	ON	2005/12/11 21:37
S19	6	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn. and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration	US-PGPUB; USPAT	OR	ON	2005/12/11 21:38

## EAST Search History

S20	6	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn. and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma	US-PGPUB; USPAT	OR	ON	2005/12/11 21:38
S22	1	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn. and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3 same hole	US-PGPUB; USPAT	OR	ON	2005/12/11 21:39



## EAST Search History

S23	4	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn. and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3 and hole	US-PGPUB; USPAT	OR	ON	2007/06/24 12:32
S24	6	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn. and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3	US-PGPUB; USPAT	OR	ON	2005/12/11 23:16

## EAST Search History

S25	10	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013") and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3	US-PGPUB; USPAT	OR	ON	2005/12/11 23:17
S26	10	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013") and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 23:17
S27	0	("5627368" "5525797") and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 23:18

## EAST Search History

S28	58	long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 01:10
S29	4	long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3 and backscatter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 01:11
S30	0	long and short same space\$3 same detector and formation same densit\$4 same well same log\$4 and backscatter and case\$3 same (hole or borehole or (wellbore or well same bore)) same calibration	US-PGPUB	OR	ON	2007/01/06 18:29
S31	3	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) same calibration	US-PGPUB	OR	ON	2007/01/08 11:51
S32	7	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) same calibration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 16:27
S33	15	gamma same detector same densit\$4 same well same log\$4 and (backscatter\$3 or inelastic same scatter or gamma same radiation same scatter\$3) and case\$4 same (hole or borehole or (wellbore or well same bore)) same calibration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/08 11:56
S34	1	("5900627").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 12:29

## EAST Search History

S35	6	("5627368" "5525797" "4618765" "5912460" "5841135" "5900627" "6051830" "4506156" "4950892" "5481105" "6207953" "6768106" "5323684" "5359195" "4129777" "4529877" "5205167" "4814611" "5530243" "5659169" "4578580" "5334833" "5377105" "5847384" "3617746" "3882309" "4849627" "4958073" "5242020" "5282133" "5349184" "5350925" "6666285" "6696684" "6738720" "6936812" "5825024" "4917188" "5361830" "5373899" "5439290" "5821413" "6223656" "6223656" "4445033" "5552598" "4587423" "5012091" "5406078" "5729013").pn. and long same spac\$3 and short same spac\$3 and case\$3 and logging and tool and computer\$4 and detector\$3 and formation same densit\$3 and calibration and gamma and case\$3	US-PGPUB; USPAT	OR	ON	2007/01/10 14:12
S36	6	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) same calibration and space\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 14:18
S37	6	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) same calibration and space\$3 and (long or short or axially) same space\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 14:19
S38	6	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) same calibration and space\$3 and (long or short or near\$2 or far or axially) same space\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 16:17
S39	4	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) same calibration and space\$3 and (long or short or near\$2 or far or axially) same space\$3 and cased	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 16:19

## EAST Search History

S40	4	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) same calibration and space\$3 and (long or short or near\$2 or far or axially) same space\$3 and cased same (hole or borehole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 16:27
S41	7	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) same calibration	US-PGPUB; USPAT	OR	ON	2007/01/10 16:27
S42	4	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) same space\$3 and cased same (hole or borehole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 16:28
S43	7	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) same space\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 16:28
S44	4	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and cased same (hole or borehole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 16:29
S45	4	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and cased and (hole or borehole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 16:29

## EAST Search History

S46	7	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and case\$3 and (hole or borehole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/10 16:30
S47	7	gamma same detector same densit\$4 same well same log\$4 and backscatter and case\$4 same (hole or borehole or (wellbore or well same bore)) and calibration and space\$3 and (long or short or near\$2 or far or axially) and space\$3 and case\$3 same (hole or borehole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/24 12:29